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PUBLICATIONS

BOOKS & REPORTS:
OTHER MAJOR PUBLICATIONS:


Kyle, J.R., Gilg, H.A., Appold, M., Geochemistry of an active giant non-sulfide zinc system, Jinding, China: Relations between tectonics, climate, and supergene metal remobilization (in preparation)

Kyle, J.R., Holt, J.W., Galloway, W., Dating the integration of the Rio Grande from the southern Rocky Mountains to the Gulf of Mexico: Geology (in revision, after review)


Catlos, E.J., Broska, I., Kohút, M., Etzel, T.M., Kyle, J.R., Stockli, D.F., Miggins, D.P., Campos, D., 2023, Geochronology, geochemistry, and geodynamic evolution of Tatric granites from crystallization to exhumation (Tatra Mountains, Western Carpathians): Geologica Carpathica, v. 73, p. 517-544. doi.org/10.31577/GeolCarp.73.6.1


Kyle, J.R., Elliott, B.A., 2021, Texas mineral resources within or affected by Proterozoic basement architecture, in Callahan, O.A, and Eichhubl, P., eds., The geologic basement of Texas: A volume in honor of Peter Flawn: Bureau of Economic Geology, University of Texas at Austin, Report of Investigations 286, ch. 4, 15 p. doi.org/10.23867/RI0286C4


Kyle, J.R., 1990, Geologic history and mineral resources development of the northern Trans-Pecos region, Texas and New Mexico: Soc. Econ. Geol., Guidebook Series, v. 8, p. 85-96.


Smith, N.G., Kyle, J.R., Magara, K., 1983, Geophysical log documentation of fluid migration from compacting shales: a mineralization model from the Devonian strata of the Pine Point area, Canada: Econ. Geol., v. 78, p. 1364-1374.


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**PUBLISHED ABSTRACTS OF PRESENTATIONS (Selected presentations 2010 to date)**

Paine, J.G. et al., 2024, Ground and airborne surveys to determine size, identify precursors, and assess growth potential after the April 23 Daisetta sinkhole collapse, southeastern Texas: SAGEEP 2024, Abstracts with Program.


Paine, J.G. et al., 2023, Some quick, helpful, and low-risk things that can be done when a major sinkhole forms: Ground and airborne surveys after the April 2023 Daisetta sinkhole collapse, southeastern Texas: Geol. Soc. Amer., Abstracts with Program, v. 55


Ugurhan, M., et al., 2023, Geology, geochemistry, and geochronology of the REE-enriched Cave Peak porphyry Mo deposit, Trans-Pecos Texas: Geol. Soc. Amer., Abstracts with Program, v. 55


Reedy, R. et al., 2022, Characterization of coal resources in the U.S. Gulf Coast and Rare Earth Element potential: Geological Society of America, Abstracts with Programs, v. 54, https://doi.org/10.1130/abs/2022AM-381734

Childress TM, Kyle JR, 2022, Mantle-derived volatile-rich fluids induced HREE enrichment of previously differentiated Precambrian crust to form the Round Top Laccolith, Trans-Pecos, Texas: Soc Econ Geol Conference: Minerals for our Future

Catlos, EJ, Broska, I, Kohut, M, Etzel, TM, Kyle, JR, Stockli, DF, Miggins, DP, Campos, D, 2022, Geochronology, geochemistry, and geodynamic evolution of Tatric granites from crystallization to exhumation (Tatra Mountains, Western Carpathians): XXII International Congress of the CBGA, Plovdiv, Bulgaria, Program with Abstracts

Americas Reach Out–Exchanges of Culture, Policy, and Goods from 1492 to the Future”, San Antonio, Texas
Ferraz M, Kyle JR, Lobato LM, Ketcham RA, Figueiredo e Silva RC, 2020, Three-dimensional studies of gold ore using high resolution X-ray CT: the case of quartz-carbonate veins hosted in the lower metamafic unit at the world-class Cuiabá deposit, Brazil: Simexmin, Brazilian Symposium on Mineral Exploration, Ouro Preto, Minas Gerais, Brazil (postponed).
Elliott BA, Kyle, JR, 2020, Critical Element Potential in the Trans-Pecos Igneous Belt of west Texas, USA: 36th International Geologic Congress, Dehli, India (invited, postponed)
Quintero T, Kyle JR, Miller N, Ukar E, 2020, Solution-Collapse Breccia Development and Cementation in the Lower Ordovician Upper Knox Group, Central Tennessee: AAPG annual meeting, Houston (postponed)
Kyle BJ, Kyle JR, 2019, Opportunity for development or one more resource curse? Lithium mining and political institutions in Argentina, Bolivia, and Chile: Latin American Studies Association, "Nuestra América: Justice and Inclusion", Economics and Development, Boston, MA
Kyle JR, 2019, University of Texas at Austin thesis sample collections at the Bureau of Economic Geology, Austin Core Research Center: UT Faculty/Researcher Works, University of Texas Libraries, DSpace https://hdl.handle.net/2152/73562
Ferraz M, Kyle JR, Lobato LM, Ketcham RA, Vitorino ALA, Figueiredo e Silva RC, 2019, High resolution X-ray computed tomography studies of gold-bearing quartz-carbonate veins hosted in the lower metamafic unit at the world-class Cuiabá Deposit, Brazil: South American Gold Deposits and Metallogeny session, South American Metallogeny meeting, Soc Econ Geologists, Santiago, Chile
Elliott BA, Ugurhan M, Kyle JR, 2019, Characterization of the Marble Canyon and Cave Peak granitoids in Trans-Pecos, Texas: Insights into the petrogenesis of high-silica Y+REE-enriched magmas: Geol. Soc. Amer., South-Central/North-Central/Rocky Mtn section meeting
Wooten KM, Kyle JR, Rasbury ET, 2018, U-Pb dating of Knox dolomitization: Placing a maximum age constraint on mineralization at Sweetwater, eastern Tennessee: Goldschmidt Conference
Kyle JR, Ukar E, Garcia R, Miller NR, Fall A., 2018, Structural diagenetic evolution and correlation of mineralized solution-collapse breccias, Lower Ordovician Knox Group, Tennessee-Kentucky: FRAC consortium annual meeting, Abstracts with Program
Wooten, KM, Kyle, JR, Rasbury, ET, 2018, U-Pb dating of Knox dolomitization: Placing a maximum age constraint on mineralization at Sweetwater, eastern Tennessee: Goldschmidt Conference
Kyle, J.R., 2016, Role of stratigraphic inheritance in controlling stratabound metal concentrations in carbonate strata: MVT to skarn systems: Geological Society of America, Abstracts with Programs, v. 48
Young, D.J., Ledvina, M.D., Kyle, J.R., 2016, Characterizing the structure, mineralogy, and paragenetic sequence of sheeted quartz veins in the Ertsberg East Skarn System, Papua, Indonesia: Geological Society of America, Abstracts with Programs, v. 48
Elliott, B., Kyle, J. R., 2014, Mineral resources of Texas: American Mining and Exploration Association, Program, 120th annual meeting


Saunders, J., Kyle, J. R., Reed, M., 2013, Formation of base metal and silver sulfide occurrences in carbonates and fluorite: Prospects for understanding fluids from deposition through burial (invited lecture, frontiers in geochronology session), Goldschmidt Conference.

Kyle, J. R., Gilmer, A. K., Vasconcelos, P. M., 2013, Late Neogene tectonic history of the Presidio Bolson and the integration of the Rio Grande from Trans-Pecos Texas to the Gulf of Mexico: South-Central Section, Geological Society of America, Abstracts with Programs, v. 45.


Saunders, J., Kyle, J. R., Reed, M., 2013, Formation of base metal and silver sulfide occurrences in carbonate strata and carbonates and fluorite: Prospects for understanding fluids from deposition through burial (invited lecture, frontiers in geochronology session), Goldschmidt Conference.

Kyle, J. R., Gilmer, A. K., Vasconcelos, P. M., 2013, Late Neogene tectonic history of the Presidio Bolson and the integration of the Rio Grande from Trans-Pecos Texas to the Gulf of Mexico: South-Central Section, Geological Society of America, Abstracts with Programs, v. 45.


Gryger, S. M., Kyle, J. R., 2012, Stratigraphy of a Mesozoic platform-basin margin, Sierra Mojada, western Coahuila, Mexico: Gulf Coast Association of Geological Societies, Austin, TX


Kyle, J. R., 2012, Sierra Mojada Ag-Pb-Zn District, Coahuila: An endmember carbonate replacement mineralization system?: Cordilleran Section, Geological Society of America, Abstracts with Programs, v. 44.


Ahn, H. I., Kyle, J. R., Miller, N. R. 2012, Mineralogy and geochemistry of the non-sulfide Zn deposits, Sierra Mojada district, Coahuila, Mexico: Cordilleran Section, Geological Society of America, Abstracts with Programs, v. 44.


Ahn, H. I., Kyle, J. R., Miller, N. R. 2012, Mineralogy and geochemistry of the non-sulfide Zn deposits, Sierra Mojada district, Coahuila, Mexico: South-Central Section, Geological Society of America, Abstracts with Programs, v. 44.

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PUBLISHED ABSTRACTS OF PRESENTATIONS (1973- 2009, additional 144)